CCR # 04-0074   Rev: —   Originator: Dominick P. Iascone, Jr.
Telephone: 301-925-1012   Office: 3000X
Title of Change: TE_6A.08_DMS.03

CSG -

Please create a tar file from the 6A08EBF1 baseline.

Please make one SOL8 tar file with the following packages:
.EcDbDDMdm2acg.pkg
.EcDmDatabase.pkg
.EcDmDBValids.pkg

Please label this tar file TE_6A.08_DMS.03

This is a tar file to be sent to GSFC to support the move the DMS database from g0ins02 to g0acg01

This contains new *.dat files contain all the recent DMS Valids scripts that have been generated to support various NCRs. This includes UARS, TOMS, etc.

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This will deliver the following NCRs and Capability:

NCR	Subsystem	SEV	State	Site	Title
ECSed39231	OPS_INSTALL ATION	3	T	EDF	DMS DDict Valids are missing from either the *.dat files or the DMS DB.

PATCH/TE DEPENDENCIES:

This TE must be installed on top of:
6A_08
Patch_6A.08_SYSTEM.01
TE_6A.08_UpdateESDT.02

This TE will be used by the GSFC DAAC to move the DMS database from g0ins02 to g0acg01.

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DAAC Install Instructions:

A. PRE-INSTALLATION

1. Login to the staging host and create a staging area.
2. Copy the delivered tar file into the <staging_area>/SOL8 directory.
3. Using the DMS.03 Setup.ksh file, untar the TE_6A.08_DMS.03 tar file in the <staging_area>/SOL8 directory.
4. cd <staging_area>/SOL8/CUSTOM/dbms
5. chmod -R 775 *

B. INSTALLATION:

1. Bring up E.A.S.I on any SUN and perform a Full install.

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C. CONFIGURATION:

None

D. DATABASE Installation

None

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POST INSTALLATION:

Database Move from xxinsxx to xxacgnn

1. cd /usr/ecs/<MODE>/CUSTOM/dbms/DMS
    run the DmDdBcpCopyOut.csh script -- this will dump all database tables to .dat files

2. This section should only be executed once for all modes (Adding DMS database logins):
    Add the DMS database logins to the xxacgnn_srvr by running the following command:
    EcDmSybaseLogins.sql sa <sa_password> <xxacgnn_srvr>

3. cd /usr/ecs/<MODE>/CUSTOM/utilties
    Run the EcDmDdDbBuild script setting xxacgnn_srvr as the sybase server
    You will see many errors in the drop script as there is nothing to drop in a database that has never been built
    before.
    FYI: Upon completion of the DMS database build you will notice the following message
    "Creating Databases for EcDm on xxins99 done."
    Disregard this message as the build script is using the unix "hostname" where the DMS build script was executed.
    At this point the DMS database is built on xxacgnn

4. cd /usr/ecs/<MODE>/CUSTOM/dbms/DMS/
    run the DmDdBcpCopyInNew.ksh (MAKE SURE YOU USE THE NEW ONE!!!) to load the database tables
    from dat files generated in the BCP out process.
    Note: See attached Guidance document from Dexter Hope.

5. cd /usr/ecs/<MODE>/CUSTOM/dbms/COM/DBAdmin/dm2acg
    cp the appropriate db_list_<daac> ,if applicable, file to db_list
    cp the appropriate stripes_list_<daac>,if applicable, file to stripes_list

6. you may add logins and users to the DMS database by editting the logins_list and/or users_list if desired.
    The README.dm2acg file describes how to use the dm2acg script.
    We recommend you use the script and run the following options:
    1 - Check DB
    8 - Dump DB
    4 - Add Logins
    5 - Test Logins
   11 - List Groups
   12 - Grant Permissions
   14 - Drop Thresholds
   16 - Add Thresholds
   15 - List Thresholds
   17 - DBCC Check
    FYI: You can run dm2acg as "dbo", but you must use "sa" when using the script ,dm2acg, to add logins.

7. After you are satisfied the new database is correct we need to update the following configuration attributes to use
    the new database.
    "DBServer" to xxacgnn_srvr for
    EcDmV0ToEcsGateway,
    EcDmDictServer,
    EcDmDdMaintenaceTool

8. The delivered .rgypatch for DMS can be used to update the aforementioned configuration attribute for the three(3)
    processes.
    Logon to xxins02 and bring down the appropriate Servers and MaintenanceTool.
    cd /usr/ecs/<MODE>/CUSTOM/.installed/DMS
    Edit the .rgypatch file and uncomment the approriate lines for NCR 37829
    Use the EcsAssist Subsystem Manager and apply the /usr/ecs/<MODE>/CUSTOM/.installed/DMS/.rgypatch file to

the mapped Registry Tree.

9. We also recommend you cd /usr/ecs/<MODE>/CUSTOM/.installed/DMS and edit the .cfgparms and change the value of DBServer for the listed Servers and Maintenance Tool. This should be done to make sure the value is set correctly to avoid pitfalls when Mkcfgs are run in the future. We didn't add this to the .cfgpatch because we were not sure when this move would be done.

10. The Spatial Subscription GUI has an attribute "DDICT_SQL_SERVER" that has to be changed to use the new DMS database on xxacgnn_srvr.
    Logon to xxins01 or xxins02, depending on your DAAC.
    cd /usr/ecs/<MODE>/CUSTOM/.installed/SSS and edit the .cfgparms and change the value of DDICT_SQL_SERVER for the Spatial Subscription GUI.
    cd /usr/ecs/<MODE>/CUSTOM/utilities
    Execute EcNbGUIMkcfg <mode> to generate a new configuration file to be used by the Spatial Subscription GUI.
    If the DMS server is up, bounce it.
    If theDMS server is down, bring it up.